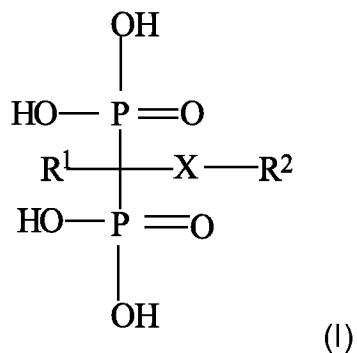


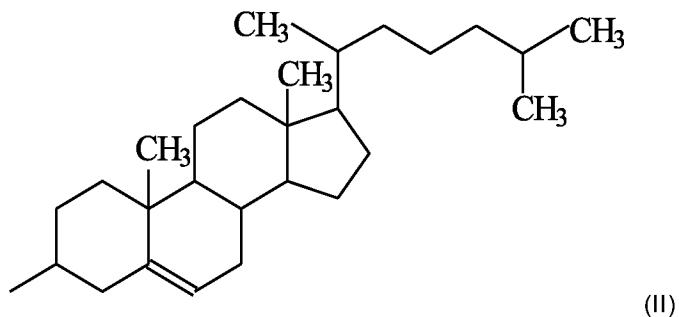
ABSTRACT OF THE DISCLOSURE

A bisphosphonic acid of the general formula (I)



wherein

- R^1 is H, OH, $\text{C}_1\text{-C}_6$ alkyl, $\text{C}_1\text{-C}_6$ alkoxy, $\text{C}_1\text{-C}_6$ hydroxyalkyl, $\text{C}_1\text{-C}_6$ aminoalkyl, $\text{C}_1\text{-C}_6$ halogen alkyl,
- X is a direct bond, alkylen group with 1 to 20 carbon atoms, $(\text{CH}_3)_m-(\text{OCR}^3\text{HCH}_2)_n-(\text{O})_o-$, wherein R^3 is H or CH_3 and m is 0 or a number from 1 to 6, n is a number from 1 to 10, preferably 1 to 6, and o is 0 or 1,
- $-(\text{CR}^4\text{HCH}_2\text{O})_p-$, wherein R^4 is H or CH_3 , p is a number from 1 to 10, preferably 1 to 6,
- $(\text{CH}_3)_q-(\text{OCR}^5\text{HCH}_2)_r-(\text{O})_s-(\text{CH}_3)_t-$, wherein R^5 is H or CH_3 and q is 0 or a number from 1 to 6, r is a number from 1 to 10, preferably 1 to 6, and s is 0 or 1, and t is a number from 1 to 6,
- R^2 is a group of the formula (II)



as well as their physiologically compatible derivatives, in particular salts and trimethyl silyl derivatives.